

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 5/17/2012**

<b>Control</b>	<b>0238-03-052, ETC.</b>
<b>Project</b>	<b>C 238-3-52, ETC.</b>
<b>Highway</b>	<b>US 54</b>
<b>County</b>	<b>DALLAM</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: C 238-3-52

CONTROL: 0238-03-052

COUNTY: DALLAM

LETTING: 06/05/2012

REFERENCE NO: 0517

**PROPOSAL ADDENDUMS**

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\_ PROPOSAL COVER

\_ BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: G

\_ SPEC LIST (SH. NO.:

\_ SPECIAL PROVISIONS:

ADDED:

DELETED:

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE CHANGES BELOW

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES: SHEET G - DELETED FOURTH PARAGRAPH OF ITEM 3224.

PLAN SHEETS: SHEET 3C - REVISED DUE TO ABOVE CHANGE.

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**Sheet:**

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**GENERAL NOTES:**

If portions of the right-of-way is used to store materials, equipment, and other uses with the approval of the Engineer, materials, equipment, etc., must either be located outside the 30 feet traffic safety clearance zone or be adequately protected.

The slopes indicated on the typical sections may be varied when fixed features require slopes are re-established as directed by the Engineer.

Any work necessary to provide temporary ingress and egress during construction (such as building gravel ramps, etc.) Will not be paid for directly, but shall be considered as subsidiary work to the various bid items.

Dust caused by construction operations shall be controlled by applying water in conformance with the requirements of item 204, "Sprinkling". Sprinkling for dust control will not be paid for directly, but shall be considered as subsidiary work to the various bid items.

There are approximately 13 "reference markers" within the project limits. If a marker needs to be moved for any reason during construction operations, it shall be the responsibility of the Contractor to remove the marker, install it in a temporary location and then reinstall it in its correct permanent location. Both the temporary and permanent locations shall be on a line that is perpendicular to the original "station" along the roadway. The temporary location shall be at or near the right-of-way. The permanent location shall be as directed by the Engineer.

The Contractor is advised that a 60 mph construction speed zone will be applicable for this project. The construction speed zone shall be limited to the actual work areas under construction.

**Item 7: Legal Relations and Responsibilities**

The total area disturbed for this project is 7.8 acres. The disturbed area in this project, all project locations in the Contract, and the Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain required authorization from the TCEQ for Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer and to the local government that operates a separate storm sewer system.

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**Item 8: Prosecution and Progress**

Working days will be computed and charged in accordance with Article 8.3.A.1 Five-Day Workweek.

**Item 134: Backfilling Pavement Edges**

The backfill material will not be obtained from within the right-of-way or from any area that contains perennial plants such as “bindweed” or “jointgrass” that would be detrimental to agricultural land.

A 10 feet wide strip of finished backfill material adjacent to each shoulder is to be treated later with an emulsified asphalt mixture. The mixture may be placed in one or more applications at a total rate of 0.25 gallons per square yard, unless directed otherwise by the Engineer. The homogeneous mixture may be composed of approximately 25% asphalt (ms-2 or ss-1) and 75% water, unless directed otherwise by the Engineer.

Do not overlay any roadway unless the pavement edges can be backfilled within 24 hours. Preferably, both edges of all roadways should be completely backfilled at the end of each day's overlay operations.

**Item 166: Fertilizer**

Fertilize all areas of project to be seeded or sodded.

Fertilizer with a ratio of 2-1-1 shall be applied on all areas to be seeded at a rate of 100 lbs/acre of nitrogen.

**Item 168: Vegetative Watering**

Vegetative watering is estimated at .25” per watering, every other day for 12 waterings, or as directed by the Engineer. Begin vegetative watering following a rain which pre soaks the soil. If a rain occurs during the watering process, delay the next watering for about 2 days.

**Item 251: Reworking Base Courses**

The intent of this item is to pulverize approximately 2”-3” of existing ACP and blend with approximately 12” of the existing flexible base. Consider the existing ACP and flexible base as existing base material, and payment made under this item includes pulverizing the existing materials, reshaping, and compacting.

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**Item 300: Asphalts, Oils, and Emulsions**

Asphalt from different sources shall not be blended.

The “open” season for applying asphaltic materials and mixtures for the listed items shall be as follows, unless authorized otherwise in writing by the engineer:

Items	Open season
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310, 314	All year
3224	From April 15th through October 31st

**Item 316: Surface Treatments**

Apply one-course surface treatment to finished base sections no more than 7 calendar days after completion of base, unless otherwise directed by the Engineer.

**Item 354: Planing and Texturing Pavement**

Prior to the end of each day of 2.5" planing operations, place ACP in areas planed that day.

The material planed from existing roadway is estimated at 24,700 CY for this project.

Of the material planed from the existing roadway 12,250 CY will remain the property of the Contractor.

Of the material planed from the existing roadway, 1,455 CY will become property of Dallam County. The maximum size of the planed material shall be 2 in. Deliver this RAP to the following county roadways, as directed. The county will spread and compact the delivered RAP material.

1. 725 CY – Andy James Rd. from US 54 to 1 mile north,
2. 730 CY – Cedar Post Lane from US 54 to 1 mile east.

The remaining material planed from the existing roadway shall remain the property of the state. The maximum size of the planed material shall be 2 in. The Contractor shall salvage and stockpile a portion of the material within the right-of-way at the following locations:

1. 10,995 CY on US 54 ROW 2 miles east of the picnic area on the north side of US 54.

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The stockpile will be approximately 10 ft high with 1:1 side slopes, 40 ft wide and 1000 ft long at the base. The stockpile(s) will be shaped so that adequate measurement can be done. The excess material shall not be compacted by the equipment used in the stockpiling operation.

**Item 421: Hydraulic Cement Concrete**

The sand equivalent value of fine aggregate shall not be less than 85 when subjected to Test Method Tex-203-F.

All concrete shall be air-entrained.

The Engineer will provide strength testing equipment for acceptance.

**Items 460 & 464: Corrugated Metal Pipe & Reinforced Concrete Pipe**

Bedding for pipe culverts shall be 6 inches of sand. The excavation required to place the sand will not be paid for directly, but will be considered subsidiary to this item.

**Item 466: Headwalls and Wingwalls**

Do not use precast headwalls/wingwalls.

**Item 467: Safety End Treatment**

Do not use precast safety end treatments.

**Item 502: Barricades, Signs, and Traffic Handling**

Lane closures shall be limited to a maximum of 5 miles.

If more than one lane closure location is desired a minimum of 2 miles passing zone shall be required between each location.

Notify the Engineer 24 hours prior to any lane closure.

Furnish and install "soft shoulder" signs as directed by the Engineer. This work will not be paid for directly, but shall be considered as subsidiary to item 502, "barricades, signs and traffic handling".

**Item 504: Field Office and Laboratory**

The following buildings will be required for this project:

One Type (D) structure, asphalt mix control laboratory

Each building shall be provided before work is begun on the pertinent construction items for which it is needed.

Any laboratory furnished shall be a minimum of 10 ft in width.

The two Type D structures shall be provided, one for the contractor and one for state personal.

The Type D structures shall be equipped with the following in addition to requirements specified under item 504:

- a. Safety equipment
  - (1) One eye wash station
  - (2) One fire extinguisher
  - (3) One first aid kit

Furnish a Type D structure for the asphalt mix control laboratory for the engineer's exclusive use. In addition to requirements of item 504, this structure shall have a minimum height of 8 feet and provide a minimum 400 square feet gross floor area for permanently located plants or 200 square feet for temporary located plants serving one project. The floor area will be partitioned into a minimum of two interconnected rooms, each room furnished with an exterior door and a minimum of two windows. The floor shall have sufficient strength to support the testing equipment and have an impervious covering.

The Type D structures shall be adequately air conditioned and be furnished with a minimum of one desk, three chairs, one file cabinet, a telephone and one built-in equipment storage cabinet for the storage of nuclear equipment. The cabinet shall be a minimum of 3 feet wide by 2 feet deep by 3 feet high and shall have provisions for locking security. The structure shall be provided with a 240-volt electrical service entrance. The service shall consist of a minimum of 4 - 120 volt circuits with 20 amp breakers and no more than two grounded convenience outlets per circuit and provisions for a minimum of two 220-volt ovens with vents to the outside. The structure shall have a minimum of 2 convenience outlets per wall, and a utility sink with an adequate clean potable water supply for testing. The state building shall be equipped with a minimum hot water dispenser or hot water heater capable of generating 1 gallons of water per use at 140 degree f with adequate water pressure. Space heaters for heating the structure are unacceptable. Portable structures shall be support blocked for stability and shall be tied down.

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For this project, asphalt content will be determined utilizing the ignition method so the structure shall provide for the following in lieu of the item 504 requirements for asphalt content by extraction. The room to contain the ignition oven shall be adequately power ventilated and contain a nema 6-50r (208/240 v, 50 a) outlet within 2.5 feet of the ignition oven location and an independent exhaust outlet to the outside no further than 8 feet from the oven. The surface for the ignition oven location shall be level, sturdy, and fireproof with at least 6-inch clearance between the furnace and other vertical surfaces.

The State will provide an ignition oven for their use.

If needed, each building shall be moved to a new location as directed by the engineer. Any building that is no longer required on the job after completion of the pertinent construction items may be released to the Contractor upon consent of the Engineer.

**Item 506: Temporary Erosion, Sedimentation, and Environmental Controls**

Erosion control devices shall be installed as needed in coordination with the work progress, or as directed by the Engineer.

**Item 585: Ride Quality for Pavement Surfaces**

Use Surface Test Type B pay adjustment schedule 3 to evaluate ride quality of the travel lanes to receive a mill-and-fill treatment in accordance with Item 585, "Ride Quality for Pavement Surfaces."

Use Surface Test Type B pay adjustment schedule 2 to evaluate ride quality of the new passing travel lanes in accordance with Item 585, "Ride Quality for Pavement Surfaces."

**Item 644: Small Roadside Sign Supports and Assemblies**

All slip base signs will have a triangular slip base with a 2-bolt clamp to prevent rotation of signpost.

A 7" x 1/2" diameter galvanized rod or #4 rebar shall be installed in the sign stub as shown on SMD (SLIP-1) -08 to prevent rotation of the sign stub in the concrete footing.

The exact location of the large and small roadside signs shall be as designated by the engineer.

Probe before drilling for foundations to determine the location of all utilities and structures. This work will not be paid for directly, but shall be considered subsidiary to bid items involved.



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Details for standard signs not shown on the signing standards of the signing detail plan sheets shall be in conformance with the department's "Standard Highway Sign Designs for Texas" Manual, Latest Edition.

**Item 658: Delineator and Object Marker Assemblies**

Provide hollow or tubular posts for all ground mount applications.

**Item 662: Work Zone Pavement Markings**

The adhesive used for temporary flexible-reflective roadway marker tabs shall be butyl rubber pads.

**Item 677: Eliminating Existing Pavement Markings and Markers**

Do not remove any existing pavement markings in any area in which he is not able to place work zone pavement markings at the proper location within the same day.

**Item 3224: Dense-Graded Hot-Mix Asphalt (QC/QA)**

Use aggregate that meet the SAC requirement of class A. Aggregate used on shoulders are required to meet SAC requirements.

Only fractionated RAP is allowed.

Target laboratory molded density is 97.0%.

A self propelled, wheel mounted material transfer vehicle (MTV) capable of receiving hot mix from the haul trucks separate from the paver is required on all courses and all types of hot mix for this project. The MTV shall have a minimum storage capacity of approximately 25 tons, and equipped with a pivoting discharge conveyor and a means of completely remixing the hot mix prior to placement. The paver hopper shall be equipped with a separate surge storage insert with a minimum capacity of approximately 20 tons.

When laying ACP on a roadway which has two or more lanes and the work is being done under traffic, then the adjacent lane or lanes shall be overlaid by the end of the following day.

Make a smooth, clean, 1 inch deep butt joint where each end of the new pavement joins the existing pavement. Any method approved by the Engineer can be used to make the joint.

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The district lab will perform a maximum of 2(two) design verification tests. If additional verification tests are needed, the Contractor will be billed \$3,500.00 per each additional verification test required to obtain an approved asphaltic concrete pavement mix design. Time will be suspended after all materials are received to perform the design verification. Other non-controlling items of work may proceed during this time.

**Item 5369: Centerline Texturing**

Use the milled option for centerline textured rumble strips.

**Item 8251: Reflectorized Pavement Markings with Retroreflective Requirements**

Mobile or portable retroreflectometers may be used at the Contractor's discretion.